

Wireless device  
PDA/handheld computer/  
phone delivers faster  
service/ improvements  
in automated end-user  
access to time-demand  
business/ professional  
services.

Web server

Medical Services  
patient approval  
& accounting

WDIE  
Wireless Data Input  
Engine  
B-to-b and B-to-c  
connected on the fly and  
integrated to market  
wireless/DSL services.

PDA/ambulance

WDIE enabled

DSL to server

WDIE  
/map  
server

PDA

Wireless  
medical service

Phone  
Core  
Services  
Engine

W c  
D c  
f n  
E n  
c t

hi-  
speed  
WDIE

API  
Java  
XML  
HTML  
DHTML

WDIE  
server

WDIE hubs connect  
Wireless/DSL  
transmission

Engine  
Java  
Servlet  
Java  
server  
pages

Horizontal and  
Vertical Portals

WDIE  
wire-  
less

WDIE hi-speed  
communication

hi-  
speed  
WDIE

Web Page

Business  
Web Site

Business  
Web site

Maintenance  
& upgrades

Mortgage - issue  
against lender



WDIE  
enhanced  
services

Home appliances  
and services

WDIE INTERFACE BASED  
Wireless-access  
devices now deliver  
faster point-to-point  
business and  
professional services

CONDOT  
A vertical market  
application which can  
be partnered privately  
to enhance individual  
site capabilities.

WDIE™

Wireless Data Input Engine

FIGURE (1)

FOOTNOTES



FIGURE 2CA)

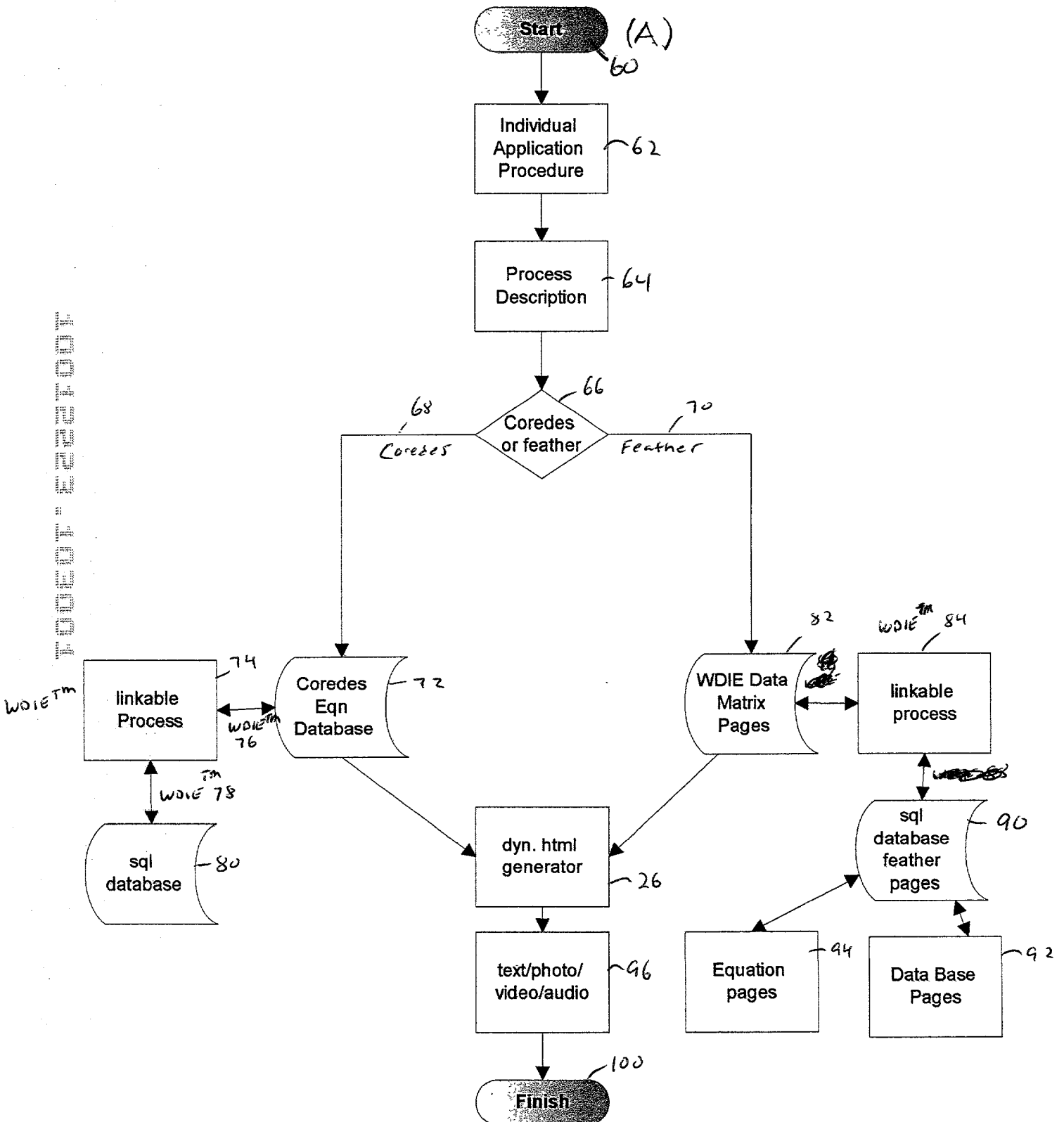
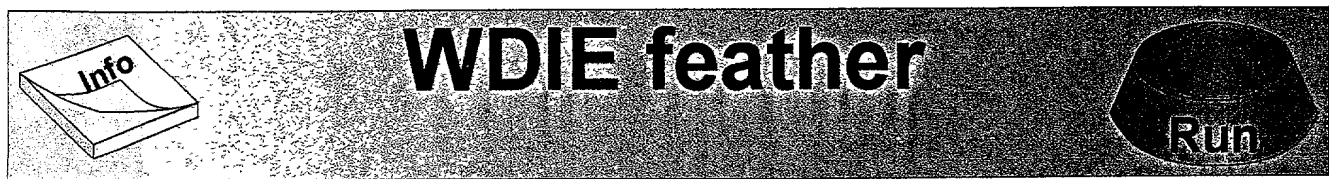


FIGURE 2(8)

WDIE feather

1) EQUATION PAGE

Original Input = \_\_\_\_\_; ☐  
; ☐  
; ☐

INPUT

☐  
☐  
☐

Page

Calculation Yields Output

$\Delta$  = ☐ ☐ ☐  
☐ ☐ ☐  
 ↑  
 Result

OUTPUT

$\Delta$   
 $\Delta$   
 $\Delta$

Page

2) DATA MATRIX PAGE

Original Discrete Input Data

INPUT

alpha ☐  
☐  
☐

Page

Calculation (if necessary)

$\Delta$  = ☐ ☐ ☐  
☐ ☐ ☐  
 ↑  
 Result

OUTPUT

Data
 $\Delta$

 $\Delta$   
 $\Delta$   


---

Data
 $\Delta$

 $\Delta$   
 $\Delta$

Page

Index keying

nodes

Page

Output can be the same data, index keyed data or updated data, via mathematical calculation, spreadsheet analysis or updated relational database.

FIGURE 2(C)

### WDIE *feather*

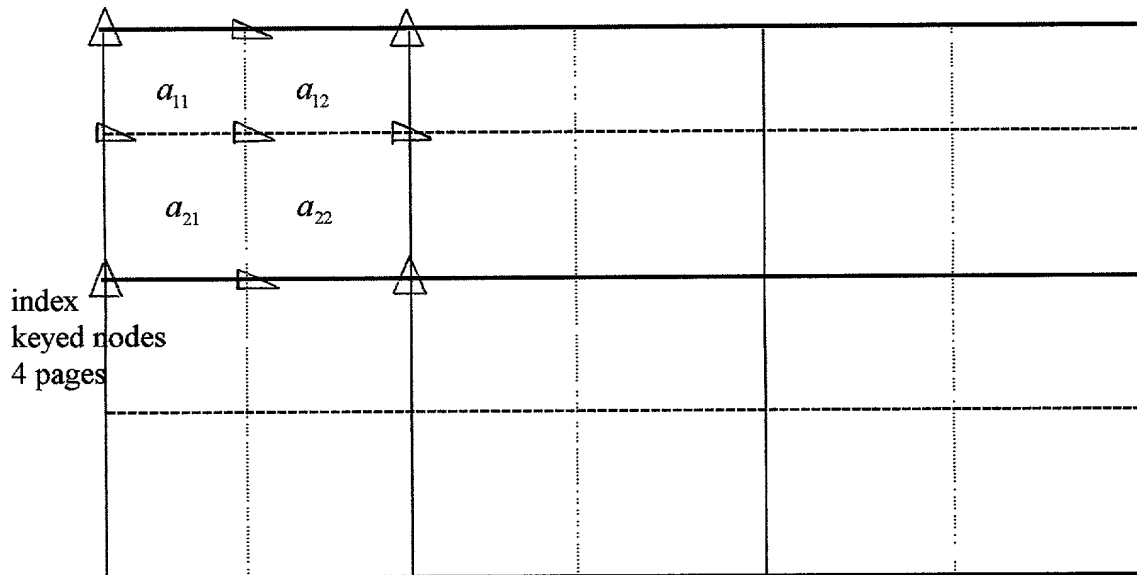
WDIE *feather* is always a page delimited on and transmitted by a server.

#### The 'grid' System

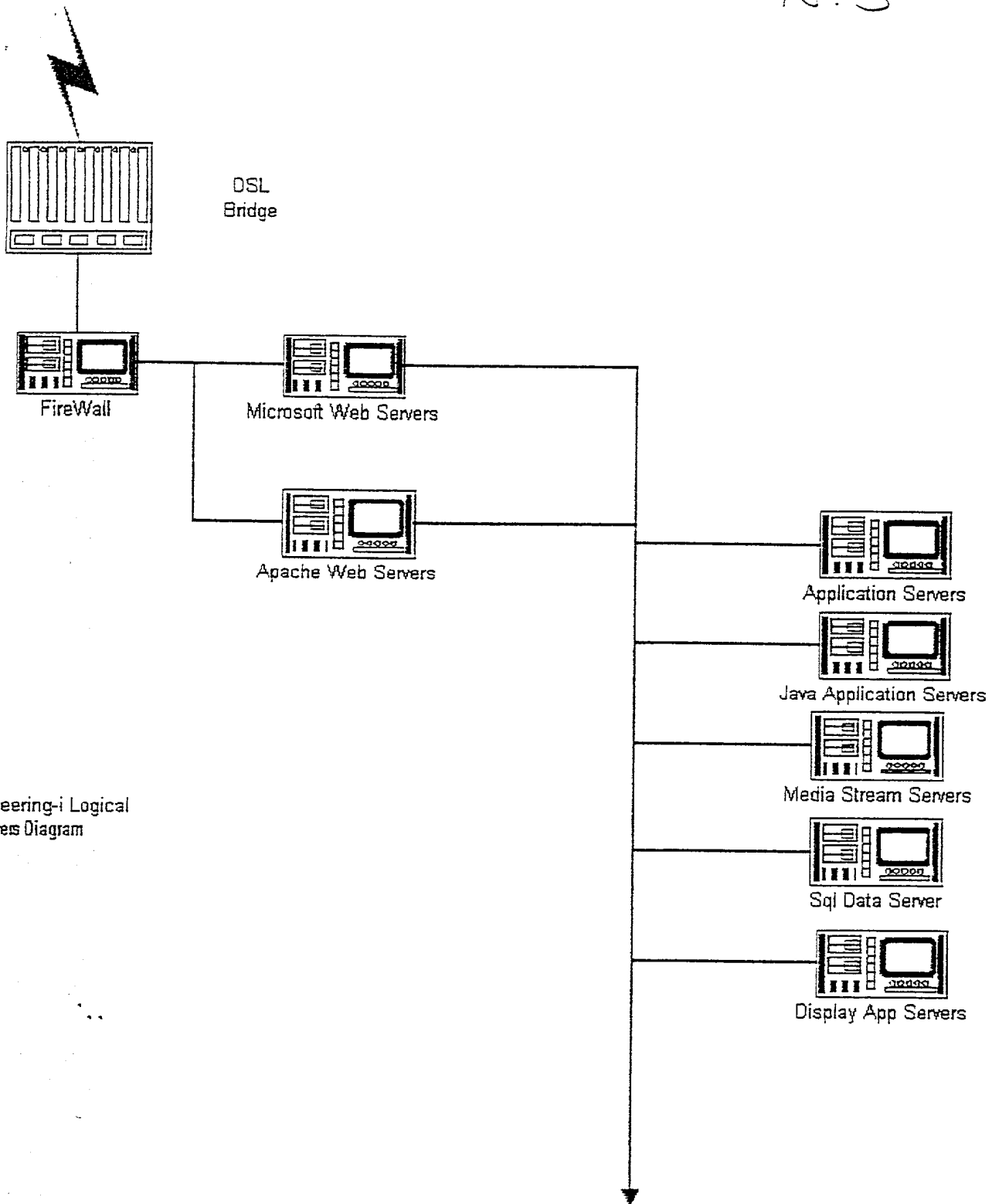
A connected 'grid' of WDIE *feather* pages is created and placed over an existing spreadsheet or database page. This 'grid' is becomes an interface to an SQL (relational) database. The index keyed nodes point to a WDIE data page and is linked to an output. For long-distance wireless transmission to small mobile devices, the text is limited to 2k ranges for use on a Palm PDA or other small devices.

A symmetrical square matrix may be employed for some applications. The choice to use a symmetrical matrix will depend on the organization of the original data.

A 'grid' is illustrated below. In this case, a square matrix composed of WDIE *feather* pages is placed over an existing database page to reduce the original data to WDIE *feather* palm page size input. In this case, each 4 page segment forms a square matrix within which data can be manipulated.



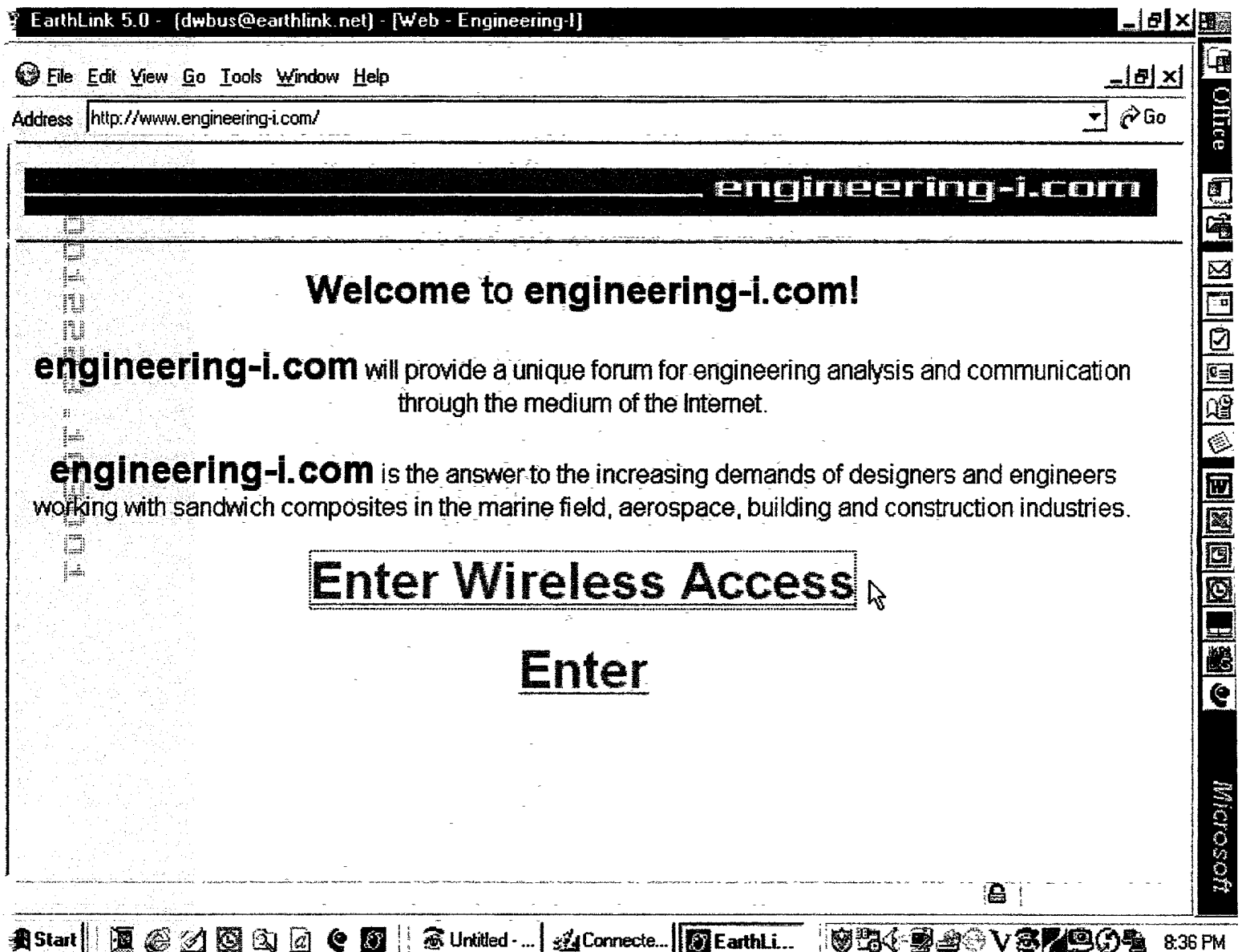
Any page in a 4 page matrix, or any whole square 4 page matrix can be reinserted, via index keying, into the original database to update the original data.



Engineering-i Logical  
Servers Diagram

debbiewb  
10/12/01 17:43:50

FIGURE (4)



debbiewb  
10/21/01 18:57:37

Figure 4(A)

EarthLink 5.0 - [dwbus@earthlink.net] - [Web - Engineering-I]

File Edit View Go Tools Window Help

Address <http://www.engineering-i.com/> Go

**engineering-i.com**

**Welcome to engineering-i.com!**

**engineering-i.com** will provide a unique input/output analysis for engineering, bio-engineering and medical data analysis through the medium of the Internet.

**engineering-i.com** is using WDIE<sup>™</sup>(woody), the Wireless Data Input Engine, is the answer to increasing demands of engineers, bio-medical scientists and the medical profession for full cell-phone, wireless card, wired Modem to broadband communication.

**Enter WDIE COREDES<sup>™</sup>**

**Enter WDIE<sup>™</sup> MEDICAL**

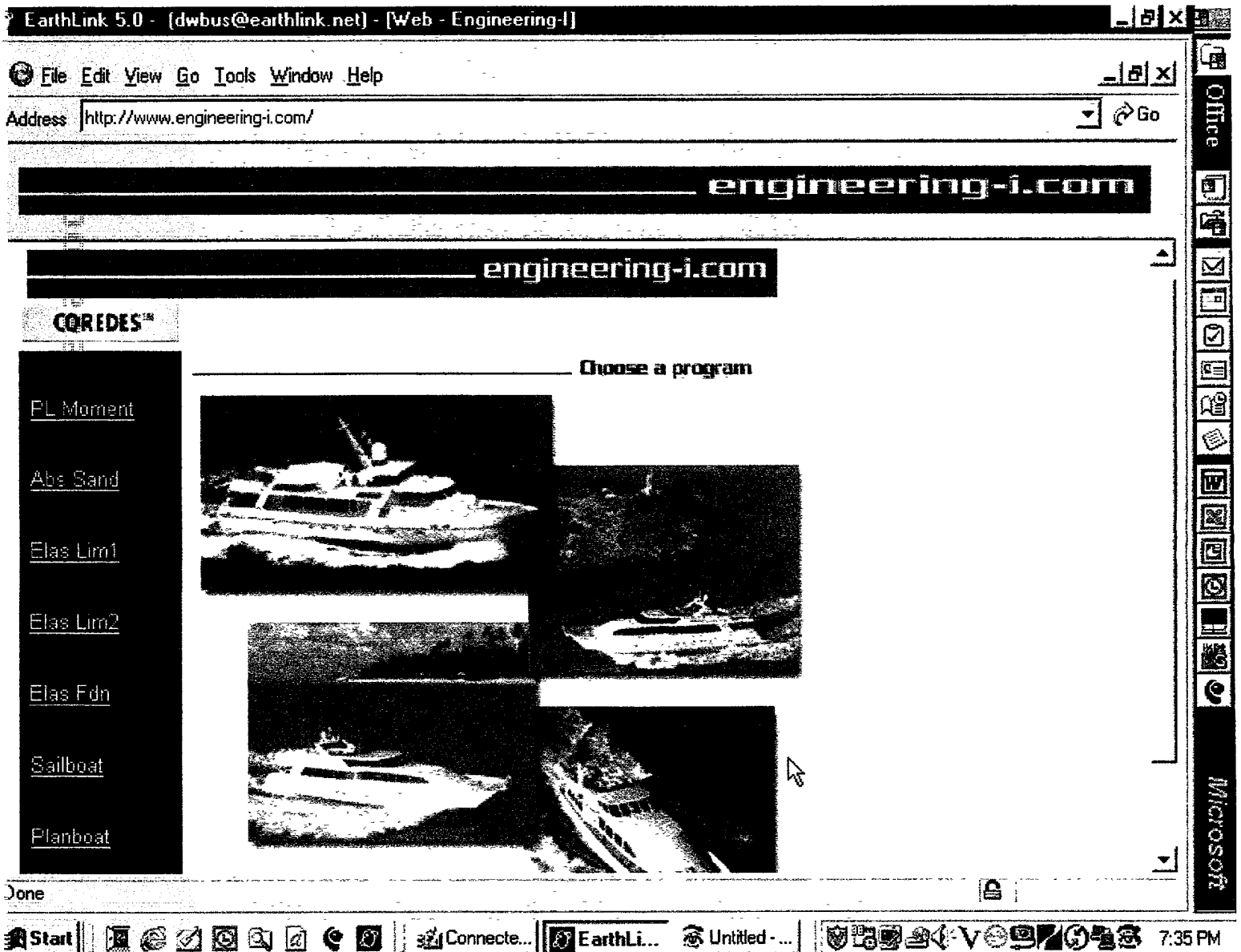
**Enter COREDES Modem/DSL**

Start | Connect... | EarthLi... | Untitled - ... | 7:26 PM



debbiewb  
10/12/01 17:55:44

FIGURE (5)



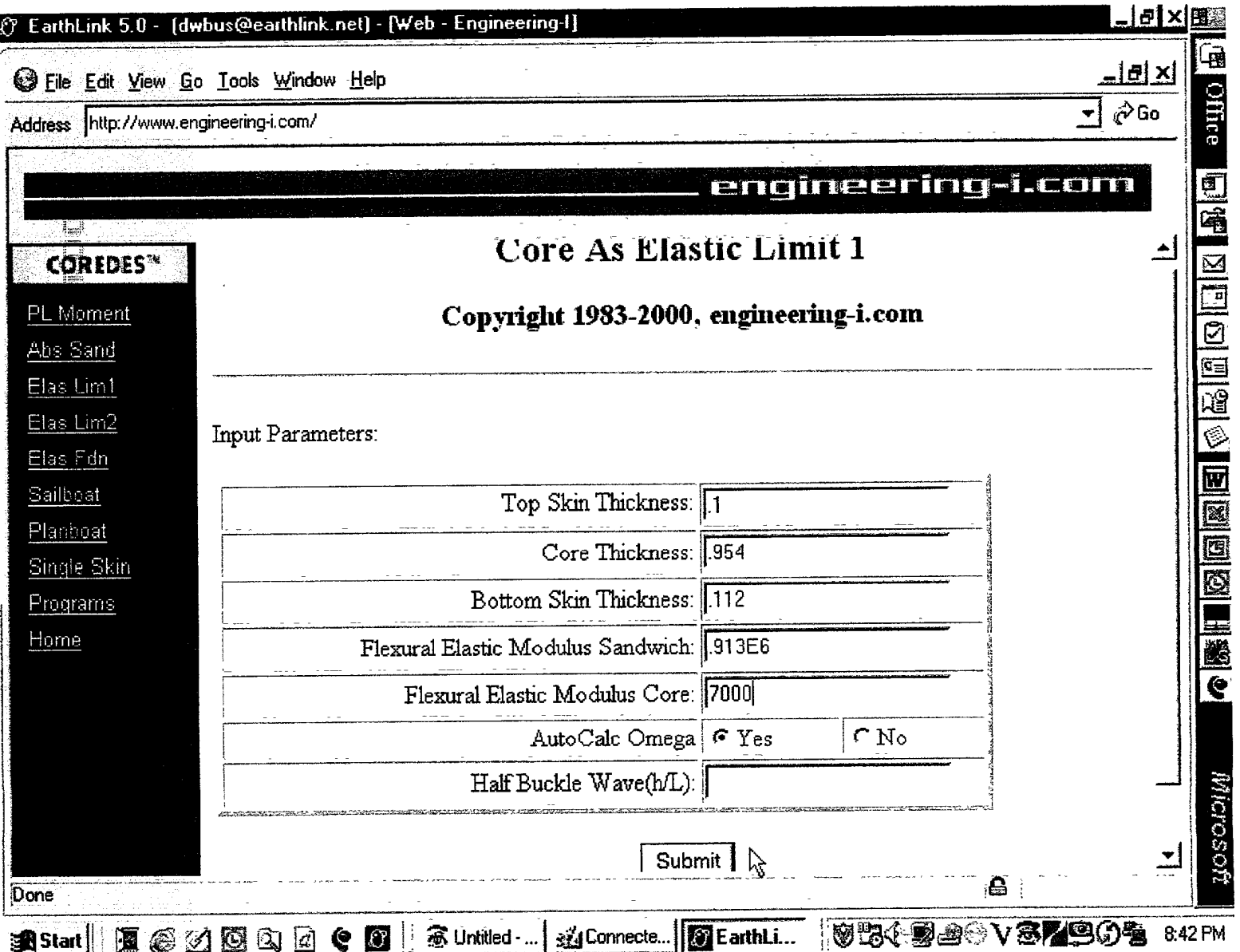
$$F_1 \in \mathcal{O}_2 = (6)$$


Figure 3D

EarthLink 5.0 - [dwbus@earthlink.net] - [Web - Engineering-I]

File Edit View Go Tools Window Help

Address <http://www.engineering-i.com/> Go

**engineering-i.com**

**COREDES™**

[PL Moment](#)  
[Abs Sand](#)  
[Elas Lim1](#)  
[Elas Lim2](#)  
[Elas Fdn](#)  
[Sailboat](#)  
[Planboat](#)  
[Single Skin](#)  
[Programs](#)  
[Home](#)

Input Parameters:

Top Skin Thickness = 0.1  
Core Thickness = 0.954  
Bottom Skin Thickness = 0.112  
Flexural Elastic Modulus Sandwich = 913000.0  
Flexural Elastic Modulus Core = 7000.0  
AutoCalc Omega = Yes

Output Results:

Omega ( Geometric ) = 0.00232065  
1/2 Buck = 0.88682025

Omega 1 = 9.63243850889533E-5  
Omega 2 = 1.0361503725543246E-5  
Omega 3 = -0.009798827718722184  
Omega 4 = -0.004107235245087985  
Omega = 0.0024765323898214347

SIGMA\* = 0.0251371  
Sigma CRIT. (Prim. yield) = 2853.2546927

Start [Icons] Untitled - ... Connecte... EarthLi... 8:44 PM

Microsoft Office [Icons]

Variable	Mean	SD	Min	Max
Age	34.5	10.2	21	55
Gender	0.45	0.50	0	1
Marital status	0.65	0.48	0	1
Education	12.5	1.5	9	16
Income	15.2	8.5	5	35
Occupation	1.2	0.8	0	2
Health status	0.75	0.42	0	1
Stress level	2.8	1.2	1	5
Life satisfaction	3.5	1.0	1	5
Resilience	4.2	0.8	3	5
Optimism	3.8	0.9	2	5
Self-efficacy	4.0	0.7	3	5
Emotional stability	3.2	0.6	2	4
Social support	3.0	0.8	1	4
Perceived stress	2.5	0.9	1	4
Life events	1.8	0.7	0	3
Personal growth	3.5	0.9	2	4
Meaning in life	3.8	0.8	2	4
Existential well-being	3.2	0.7	2	4
Psychological well-being	3.5	0.8	2	4
Life satisfaction	3.5	1.0	1	5
Overall health	3.0	0.8	1	4
Quality of life	3.2	0.9	1	4
Life satisfaction	3.5	1.0	1	5
Overall health	3.0	0.8	1	4
Quality of life	3.2	0.9	1	4

**BUNDLED INTERNET SOLUTIONS**

Engineering ASP (dsl/wireless) for  
Sandwich Composite Construction

on-site, anywhere in the world

marine, automotive, aerospace, construction

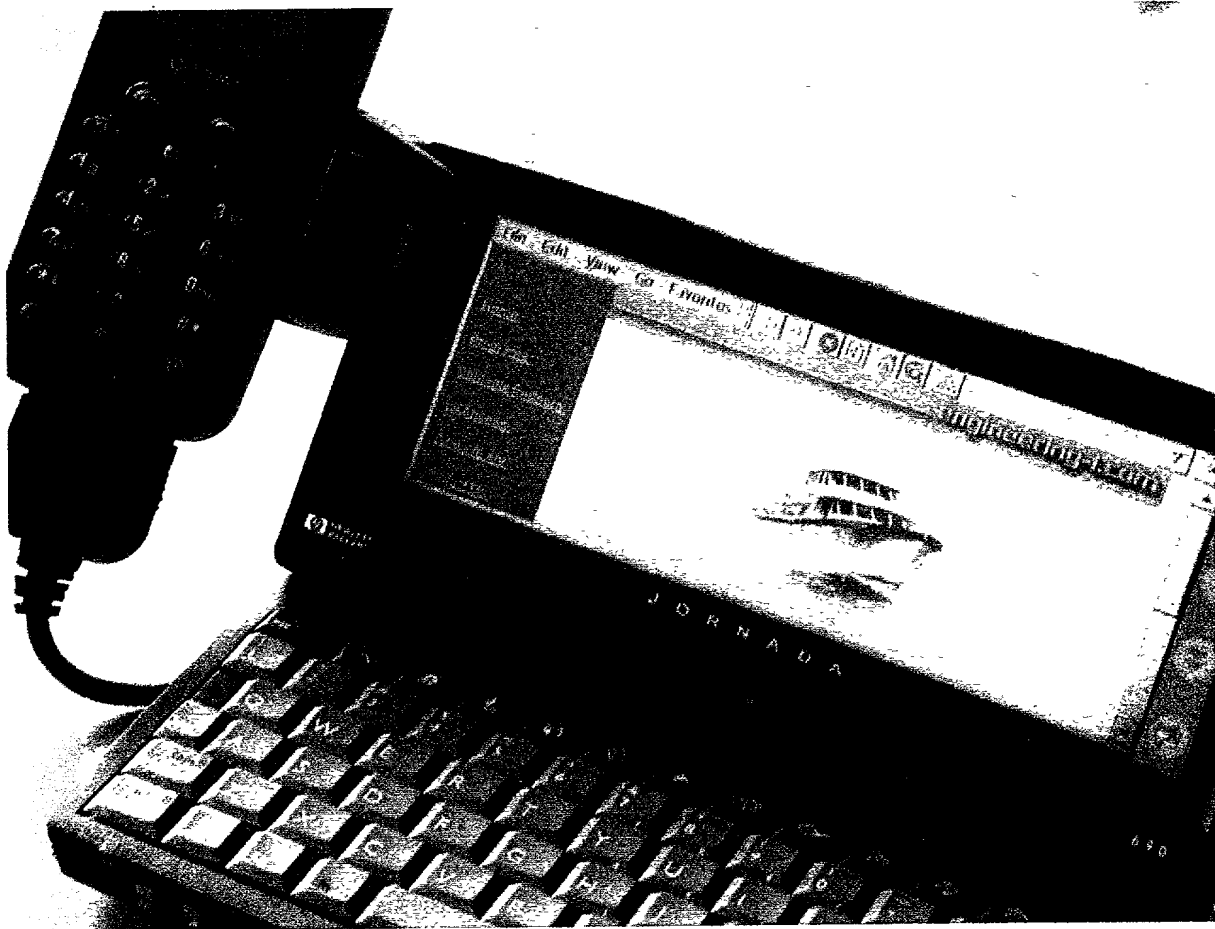
JORNADA

off-site **anywhere in the world**

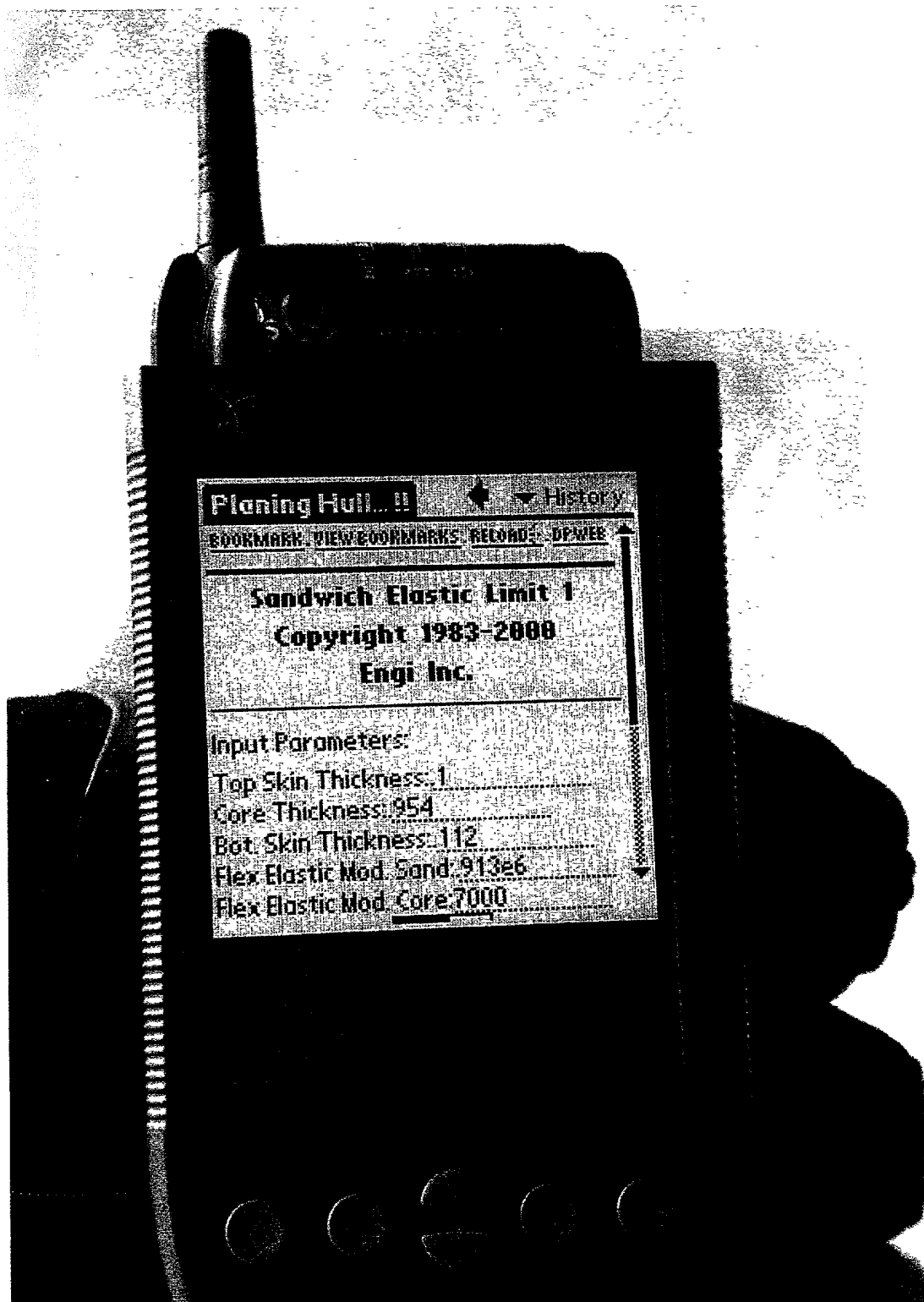
marine, automotive, aerospace, construction

FIGURE 19,

100422Z 100001



10012223 103001



1004223 103001

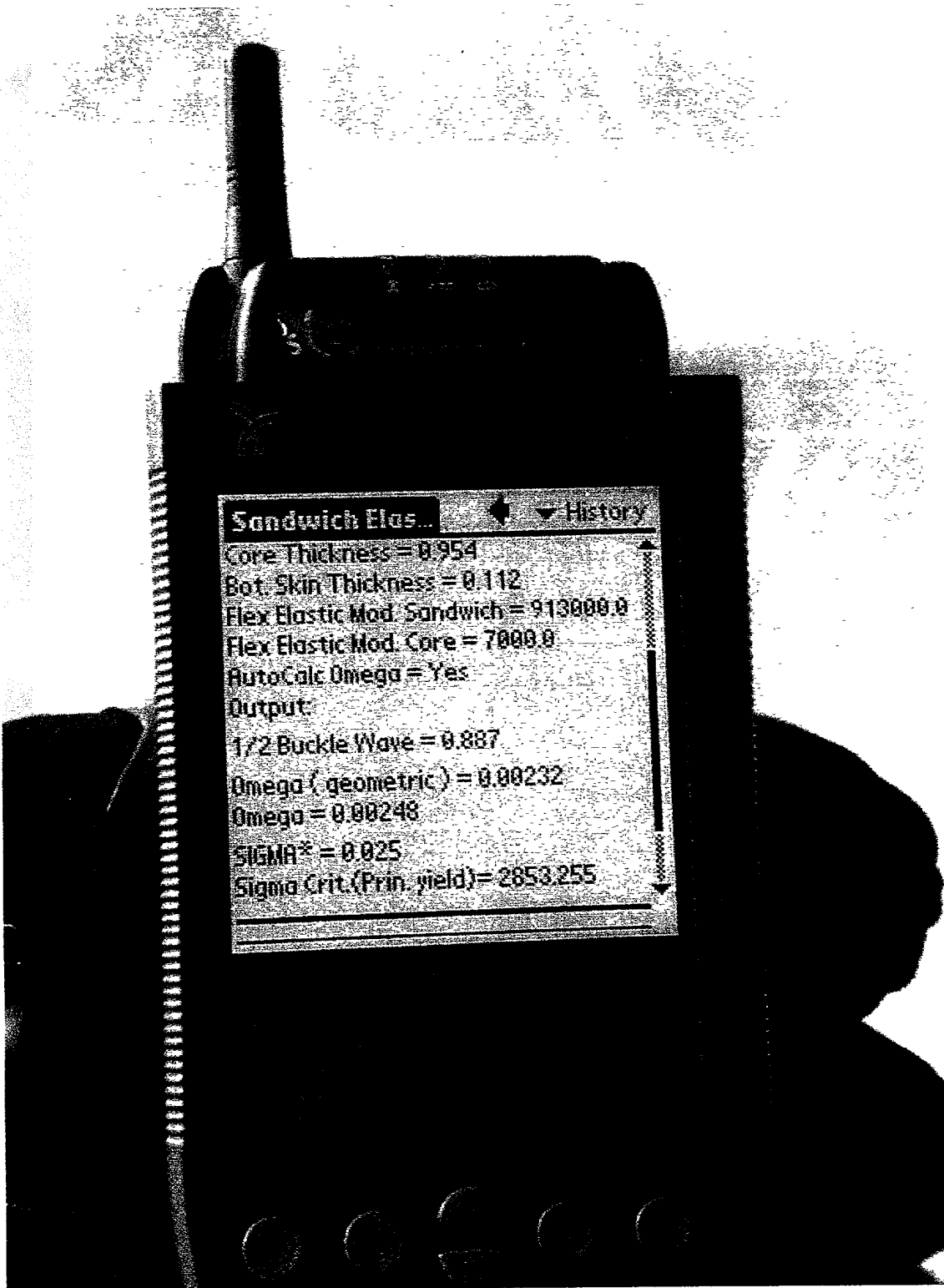


Figure 12

**Personnel** ▼ Form Designer

Personnel	
FirstName:	(text)
LastName:	(text)
Phone:	(text)
EmpID:	123 (integer)

Done    Tabs: ▼ 2    Layout: ▼